

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	31	"CMTS apparatus"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 12:53
L3	5	("5430615"   "5726788"   "6241530").PN. OR ("6457978").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:10
L4	14	("5862126"   "5894471"   "6046981"   "6055242"   "6097722"   "6201790"   "6324184").PN. OR ("6636482").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:14
L5	5	("20010055282"   "20020154620"   "5610908"   "6467092"   "6791995").PN. OR ("7002899").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:52
L6	5143	"CMTS"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 12:53
L7	2040	"cable modem termination system" or "headend controller" or "headend digital communications controller"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 13:00
L8	17	7 and (node adj ( ID identifier))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 12:56
L9	56	7 and ((node "cable modem" modem "customer equipment") adj ( ID identifier))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 12:57

## EAST Search History

L10	30	("4186380"   "5142690"   "5309448"   "5586121"   "5606725"   "5768280"   "5768501"   "5777549"   "5790806"   "6070246"   "6272150"   "6275853"   "6307841"   "6308328").PN. OR ("6588016").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:57
L11	720	7 and (routing bridging)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 13:11
L12	362	11 and ("service identifier" ID)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 13:12
L13	84	("3668307"   "3836888"   "3859596"   "4245245"   "4398289"   "4528663"   "4533948"   "4538174"   "4623920"   "4633462"   "4752954"   "4920533"   "5012469"   "5034882"   "5121387"   "5255086"   "5303234"   "5327432"   "5361394"   "5420858"   "5421030"   "5425027"   "5471474"   "5488412"   "5513180"   "5517502"   "5535206"   "5539449"   "5544161"   "5572517").PN. OR ("6028860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:15

## EAST Search History

L14	161	("20020122050"   "20020136165"   "20030028891"   "4644533"   "4881263"   "4996685"   "5014234"   "5138712"   "5301273"   "5347304"   "5430727"   "5442749"   "5488412"   "5489897"   "5528595"   "5583931"   "5586121"   "5598410"   "5600717"   "5606606"   "5608446"   "5610910"   "5623542"   "5623601"   "5636211"   "5675732"   "5675742"   "5678041"   "5708654"   "5710885"   "5724510"   "5761602"   "5778181"   "5784597"   "5790198"   "5790548"   "5790677"   "5790770"   "5790806"   "5793747"   "5799086"   "5805804"   "5809252"   "5812819"   "5815664"   "5818845"   "5819028"   "5819042"   "5828655"   "5828666"   "5835720"   "5835727"   "5841777"   "5848233"   "5852721"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5884024"   "5892754"   "5894479"   "5903558"   "5909549"   "5913037"   "5913041"   "5915119"   "5922049"   "5922051"   "5923659"   "5926458"   "5929850"   "5941988"   "5943604"   "5954797"   "5958007"   "5960177"   "5974453"   "5982748"   "5987524"   "5991292"   "5991306"   "5996076"   "5999536"   "6003077"   "6005851"   "6006264"   "6009103"   "6012088"   "6013107"   "6014545"   "6018767"   "6031841"   "6032019"   "6041041"   "6046979"   "6049546"   "6049825"   "6049826"   "6052724"   "6058421"   "6061349"   "6064372"   "6065049"   "6070187"   "6070242"   "6070246"   "6073178"   "6075787"   "6075977"   "6091709"   "6094431"   "6104700"   "6112250"   "6122254"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:27
6/24/2007 4:37:38 PM		C:\Documents and Settings\dsamuel\My Documents\EAST\Workspaces\10758434.wsp				Page 3

## EAST Search History

L15	8	("6160843"   "6230326"   "6236678"   "6345071"   "6633545"   "6650624"   "6735245").PN. OR ("6963541"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:31
L16	10	("20010030977"   "4424565"   "5214646"   "5280480"   "6065061"   "6101182"   "6618377"   "6781989").PN. OR ("7039049").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:33
L17	1906	"cable modem termination system"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 13:39
L18	159	17 and "service identifier"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 13:40

## EAST Search History

L19	177	("4644533"   "4881263"   "4996685"   "5014234"   "5138712"   "5301273"   "5347304"   "5430727"   "5442749"   "5488412"   "5489897"   "5583931"   "5586121"   "5598410"   "5600717"   "5606606"   "5608446"   "5610910"   "5623542"   "5623601"   "5636211"   "5675732"   "5675742"   "5678041"   "5708654"   "5710885"   "5723510"   "5761602"   "5778181"   "5790198"   "5790548"   "5790677"   "5790770"   "5790806"   "5793747"   "5799086"   "5805804"   "5809252"   "5818845"   "5819028"   "5819042"   "5828655"   "5828666"   "5835720"   "5835727"   "5841777"   "5848233"   "5852721"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5892754"   "5894479"   "5903558"   "5909549"   "5913037"   "5915119"   "5922049"   "5922051"   "5923659"   "5926458"   "5943604"   "5954797"   "5958007"   "5982748"   "5987524"   "5991292"   "5991306"   "5999536"   "6003077"   "6005851"   "6006264"   "6009103"   "6031841"   "6041041"   "6046979"   "6049546"   "6049825"   "6049826"   "6052724"   "6058421"   "6061349"   "6065049"   "6070187"   "6070242"   "6070246"   "6073178"   "6075787"   "6091709"   "6094431"   "6104545"   "6104700"   "6112258"   "6122254"   "6128298"   "6130879"   "6130880"   "6137792"   "6137793"   "6148410"   "6157965"   "6170061"   "6178455"   "6185624"   "6189102"   "6208656"   "6212563"   "6216171"   "6223222"   "6240464"   "6260072"   "6269099"   "6272150"   "6275052"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:42
6/24/2007 4:37:38 PM C:\Documents and Settings\usamuel\My Documents\EAST\Workspaces\10758434.wsp						Page 5

## EAST Search History

L20	154	("20020122050"   "20020136165"   "20030028891"   "4644533"   "4881263"   "4996685"   "5014234"   "5138712"   "5301273"   "5347304"   "5430727"   "5442749"   "5487180"   "5488412"   "5489897"   "5528595"   "5583931"   "5586121"   "5598410"   "5600717"   "5606606"   "5608446"   "5610910"   "5623542"   "5623601"   "5636211"   "5675732"   "5675742"   "5708654"   "5710885"   "5724510"   "5761602"   "5778181"   "5784597"   "5790198"   "5790548"   "5790677"   "5790770"   "5790806"   "5793747"   "5799086"   "5805804"   "5809252"   "5812819"   "5815664"   "5818845"   "5819028"   "5819042"   "5828655"   "5828666"   "5835720"   "5835727"   "5841777"   "5852721"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5884024"   "5894479"   "5903558"   "5909549"   "5913037"   "5915119"   "5922049"   "5922051"   "5923659"   "5926458"   "5929850"   "5941988"   "5943604"   "5954797"   "5958007"   "5960177"   "5974453"   "5982748"   "5987524"   "5991292"   "5991306"   "5996076"   "5999536"   "6003077"   "6005851"   "6006264"   "6009103"   "6012088"   "6013107"   "6014545"   "6018767"   "6031841"   "6032019"   "6041041"   "6046979"   "6049546"   "6049825"   "6049826"   "6052724"   "6058421"   "6061349"   "6064372"   "6065049"   "6070187"   "6070242"   "6070246"   "6073178"   "6075787"   "6091709"   "6094431"   "6104700"   "6111887"   "6112258"   "6122254"   "6128298"   "6130070"   "6130000"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:46
6/24/2007 4:37:38 PM C:\Documents and Settings\isaac\My Documents\EAST\Workspaces\10758434.wsp						
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## EAST Search History

L21	2	(map\$4 linking) near (ID identifier) near VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:47
L22	68	(map\$4 linking) with (ID identifier) with VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 14:05
L23	10	("5923864"   "5940872"   "6044447"   "6047362"   "6065091").PN. OR ("6408373").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:48
L24	7	("5465254"   "5920562"   "6035105"   "6219699"   "6498794"   "6771662"   "6771673").PN. OR ("7092389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:52
L25	20	("6330614"   "6374303"   "6577635"   "6587457"   "6683874"   "6697361").PN. OR ("6771662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 13:53
L26	1	"6510162".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 15:48
L27	1	"6510162".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 15:49
L28	1	"6173399".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 15:53
L29	291	"sub-interface"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 15:53
L30	49	29 and VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 15:55
L31	119	29 and mapping	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 15:55
S1	4557	370/389.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:36

## EAST Search History

S2	1906	"cable modem termination system"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 12:53
S3	100	S2 and "virtual private network"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 17:44
S4	58	"service identifier" with "cable modem"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:30
S5	241	"identifier" with "cable modem"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 18:29
S6	94	("5014234"   "5138712"   "5347304"   "5442749"   "5488412"   "5489897"   "5583931"   "5586121"   "5600717"   "5606606"   "5608446"   "5623542"   "5623601"   "5636211"   "5675732"   "5710885"   "5761602"   "5778181"   "5790198"   "5790548"   "5790677"   "5799086"   "5805804"   "5812819"   "5818845"   "5819042"   "5828655"   "5835727"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5884024"   "5922049"   "5923659"   "5958007"   "5974453"   "5996076"   "6009103"   "6012088"   "6013107"   "6018767"   "6049826"   "6058421"   "6070246").PN. OR ("6189102").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 17:59



## EAST Search History

S7	154	("20020122050"   "20020136165"   "20030028891"   "4644533"   "4881263"   "4996685"   "5014234"   "5138712"   "5301273"   "5347304"   "5430727"   "5442749"   "5487180"   "5488412"   "5489897"   "5528595"   "5583931"   "5586121"   "5598410"   "5600717"   "5606606"   "5608446"   "5610910"   "5623542"   "5623601"   "5636211"   "5675732"   "5675742"   "5708654"   "5710885"   "5724510"   "5761602"   "5778181"   "5784597"   "5790198"   "5790548"   "5790677"   "5790770"   "5790806"   "5793747"   "5799086"   "5805804"   "5809252"   "5812819"   "5815664"   "5818845"   "5819028"   "5819042"   "5828655"   "5828666"   "5835720"   "5835727"   "5841777"   "5852721"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5884024"   "5894479"   "5903558"   "5909549"   "5913037"   "5915119"   "5922049"   "5922051"   "5923659"   "5926458"   "5929850"   "5941988"   "5943604"   "5954797"   "5958007"   "5960177"   "5974453"   "5982748"   "5987524"   "5991292"   "5991306"   "5996076"   "5999536"   "6003077"   "6005851"   "6006264"   "6009103"   "6012088"   "6013107"   "6014545"   "6018767"   "6031841"   "6032019"   "6041041"   "6046979"   "6049546"   "6049825"   "6049826"   "6052724"   "6058421"   "6061349"   "6064372"   "6065049"   "6070187"   "6070242"   "6070246"   "6073178"   "6075787"   "6091709"   "6094431"   "6104700"   "6111887"   "6112258"   "6122254"   "6128298"   "6130870"   "6130880"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:00
6/24/2007 4:37:38 PM C:\Documents and Settings\isaac\My Documents\EAST\Workspaces\10758434.wsp						
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## EAST Search History

S8	177	("4644533"   "4881263"   "4996685"   "5014234"   "5138712"   "5301273"   "5347304"   "5430727"   "5442749"   "5488412"   "5489897"   "5583931"   "5586121"   "5598410"   "5600717"   "5606606"   "5608446"   "5610910"   "5623542"   "5623601"   "5636211"   "5675732"   "5675742"   "5678041"   "5708654"   "5710885"   "5723510"   "5761602"   "5778181"   "5790198"   "5790548"   "5790677"   "5790770"   "5790806"   "5793747"   "5799086"   "5805804"   "5809252"   "5818845"   "5819028"   "5819042"   "5828655"   "5828666"   "5835720"   "5835727"   "5841777"   "5848233"   "5852721"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5892754"   "5894479"   "5903558"   "5909549"   "5913037"   "5915119"   "5922049"   "5922051"   "5923659"   "5926458"   "5943604"   "5954797"   "5958007"   "5982748"   "5987524"   "5991292"   "5991306"   "5999536"   "6003077"   "6005851"   "6006264"   "6009103"   "6031841"   "6041041"   "6046979"   "6049546"   "6049825"   "6049826"   "6052724"   "6058421"   "6061349"   "6065049"   "6070187"   "6070242"   "6070246"   "6073178"   "6075787"   "6091709"   "6094431"   "6104545"   "6104700"   "6112258"   "6122254"   "6128298"   "6130879"   "6130880"   "6137792"   "6137793"   "6148410"   "6157965"   "6170061"   "6178455"   "6185624"   "6189102"   "6208656"   "6212563"   "6216171"   "6223222"   "6240464"   "6260072"   "6269099"   "6272150"   "6275052"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:02
6/24/2007 4:37:38 PM C:\Documents and Settings\usangel\My Documents\EAST\Workspaces\10758434.wsp						Page 10

## EAST Search History

S9	24	("20020010750"   "20020136203"   "20020161924"   "20020198967"   "20030214943"   "20050018697"   "5604735"   "5784597"   "5931954"   "5933420"   "5963557"   "6023769"   "6078595"   "6101180"   "6233246"   "6381214"   "6418324"   "6490727"   "6510162"   "6556591"   "6697970"   "6698022"   "6763032"   "6771606").PN. OR ("7209442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:20
S10	344	MPLS near3 VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:24
S11	6	S2 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:21
S13	994	MPLS and VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:23
S14	8	S2 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 18:22
S15	14883	MPLS	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:24
S16	48	S2 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:24
S17	767	VPN near3 gateway	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 17:02
S18	7	S2 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 18:29

## EAST Search History

S19	93	S17 and "cable modem"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 18:30
S20	13	("20020010866"   "5828846"   "5968176"   "6154839"   "6170012"   "6182226"   "6212635"   "6321337"   "6453419"   "6493752"   "6611875"   "6701437"   "6823462").PN. OR ("7131141"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:32
S21	19	("20040177246"   "20040177281"   "5473599"   "5495411"   "5548645"   "5638513"   "5699431"   "5983270"   "6035402"   "6044471"   "6308277"   "6385731"   "6438690"   "6606744"   "6618366"   "6671813"   "6697824"   "6715073"   "6931016").PN. OR ("7171556"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 18:45
S23	15	("5151899"   "5410728"   "5452471"   "5610595"   "5736959"   "5740164"   "5796715"   "5959984"   "6067442"   "6097752"   "6134423"   "6215776"   "6415329").PN. OR ("6985454"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 08:23
S25	28	("5014265"   "5163046"   "5313454"   "5426635"   "5594490"   "5784358"   "5850517"   "5852721"   "5896558"   "5897622"   "5912883"   "5968129"   "6038216"   "6098108"   "6101189"   "6115384"   "6130880"   "6161141"   "6215776"   "6292839"   "6298041"   "6324582"   "6385175"   "6415329").PN. OR ("6584083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 09:29

## EAST Search History

S26	7	("6115384"   "6215769"   "6415329"   "6460085"   "6529477"   "6553032"   "6584083").PN. OR ("6975647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 09:33
S27	16	("5280625").PN. OR ("5912883").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:16
S29	2	09/785755.app.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:16
S30	16	("4526925"   "5559809"   "5589841"   "5760739"   "5797083"   "5812545"   "5835057"   "5963862"   "6023242"   "6240073"   "6377561"   "6426959"   "6449267"   "6522865"   "6532220"   "6564274").PN. OR ("7164661").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:44
S31	977	(virtual adj1 network) and ( virtual adj1 private adj1 network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:57
S32	260	"service identifier" and "cable modem"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:32
S33	6	S31 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:31
S34	1	2005-442580.NRAN.	DERWENT	OR	ON	2007/06/22 15:35
S35	1	2005-442580.NRAN.	DERWENT	OR	ON	2007/06/22 15:40
S36	538	(ID) and "virtual private networks"	DERWENT	OR	ON	2007/06/22 15:55
S37	1	S36 and CMTS	DERWENT	OR	ON	2007/06/22 15:56
S38	4	S36 and cable adj1 modem	DERWENT	OR	ON	2007/06/22 15:56
S39	1	1999-429981.NRAN.	DERWENT	OR	ON	2007/06/22 15:56

## EAST Search History

S40	6	S31 and CMTS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 15:58
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## EAST Search History

S41	169	( "4644533"   "4881263"   "4996685"   "5014234"   "5138712"   "5301273"   "5347304"   "5430727"   "5442749"   "5488412"   "5489897"   "5583931"   "5586121"   "5598410"   "5600717"   "5606606"   "5608446"   "5610910"   "5623542"   "5623601"   "5636211"   "5675732"   "5675742"   "5678041"   "5708654"   "5710885"   "5724510"   "5761602"   "5778181"   "5790198"   "5790548"   "5790677"   "5790770"   "5790806"   "5793747"   "5799086"   "5805804"   "5809252"   "5812819"   "5815664"   "5818845"   "5819028"   "5819042"   "5828655"   "5828666"   "5835720"   "5835727"   "5841777"   "5848233"   "5852721"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5884024"   "5892754"   "5894479"   "5903558"   "5909549"   "5913037"   "5915119"   "5922049"   "5922051"   "5923659"   "5926458"   "5929850"   "5943604"   "5954797"   "5958007"   "5974453"   "5982748"   "5987524"   "5991292"   "5991306"   "5996076"   "5999536"   "6003077"   "6005851"   "6006264"   "6009103"   "6012088"   "6013107"   "6014545"   "6018767"   "6031841"   "6032019"   "6041041"   "6046979"   "6049546"   "6049825"   "6049826"   "6052724"   "6058421"   "6061349"   "6065049"   "6070187"   "6070242"   "6070246"   "6073178"   "6075787"   "6091709"   "6094431"   "6104700"   "6112258"   "6122254"   "6128298"   "6130879"   "6130880"   "6137792"   "6137793"   "6148410"   "6157965"   "6170061"   "6170455"   "6185524"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 15:59
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## EAST Search History

S42	767	VPN near3 gateway	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 17:04
S43	471	"IP VPN"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 17:09
S44	4	S43 and "head end"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 17:10
S45	3	S43 and "CMTS"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 17:10
S46	57	S43 and "cable modem"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 17:11
S47	24	("5384524"   "5501535"   "5672929"   "5809025"   "5974499"   "5983350"   "6006259"   "6021459"   "6055236"   "6061749"   "6073204"   "6078957"   "6078985"   "6118724"   "6154839"   "6157955"   "6173399"   "6175891"   "6175917"   "6182226"   "6185409"   "6195674"   "6212123"   "6226751").PN. OR ("7107464").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:27
S48	2	CMTS near VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:27



## EAST Search History

S49	10	(CMTS "head end") near VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:43
S50	22	(CMTS "head end") with VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:28
S51	535	MPLS with VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:34
S52	17	("5768271"   "5825772"   "5959990"   "5999536"   "6047330"   "6079020"   "6205488").PN. OR ("6493349"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:43
S53	63460	(CMTS "head end")	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:45
S54	60484	"Cable Modem termination system" or "head end"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:03
S55	72	S54 and "multiprotocol label switching"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:48
S56	19	S54 and (list near "cable modems")	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:52
S57	4298	S54 and server	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:52
S58	1640	S54 with server	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:52
S59	15	("4441180"   "5058102"   "5311344").PN. OR ("5479286"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 17:56
S60	1539	"Cable Modem termination system"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:03
S61	182	"Cable Modem termination system" with server	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:55

## EAST Search History

S62	117	("5014234"   "5138712"   "5347304"   "5442749"   "5488412"   "5489897"   "5583931"   "5586121"   "5600717"   "5606606"   "5608446"   "5623542"   "5623601"   "5636211"   "5675732"   "5710885"   "5761602"   "5778181"   "5790198"   "5790548"   "5790677"   "5799086"   "5805804"   "5818845"   "5819042"   "5828655"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5922049"   "5923659"   "5958007").PN. OR ("6049826").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:05
S63	75	("4494138"   "4509073"   "4675863"   "5142690"   "5377255"   "5394559"   "5421030"   "5437052"   "5471474"   "5481546"   "5528582"   "5534913"   "5555015"   "5586121"   "5613191").PN. OR ("5870134"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:18

## EAST Search History

S64	151	("20020122050"   "20030028891"   "4644533"   "4881263"   "4996685"   "5014234"   "5138712"   "5301273"   "5347304"   "5430727"   "5442749"   "5488412"   "5489897"   "5528595"   "5583931"   "5586121"   "5598410"   "5600717"   "5606606"   "5608446"   "5610910"   "5623542"   "5623601"   "5636211"   "5675732"   "5675742"   "5678041"   "5708654"   "5710885"   "5724510"   "5761602"   "5778181"   "5784597"   "5790198"   "5790548"   "5790677"   "5790770"   "5790806"   "5793747"   "5799086"   "5805804"   "5809252"   "5812819"   "5815664"   "5818845"   "5819028"   "5819042"   "5828655"   "5828666"   "5835720"   "5835727"   "5841777"   "5848233"   "5852721"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5884024"   "5892754"   "5894479"   "5903558"   "5909549"   "5913037"   "5915119"   "5922049"   "5922051"   "5923659"   "5926458"   "5929850"   "5941988"   "5943604"   "5954797"   "5958007"   "5960177"   "5974453"   "5982748"   "5987524"   "5991292"   "5991306"   "5996076"   "5999536"   "6003077"   "6005851"   "6006264"   "6009103"   "6012088"   "6013107"   "6014545"   "6018767"   "6031841"   "6032019"   "6041041"   "6046979"   "6049546"   "6049825"   "6049826"   "6052724"   "6058421"   "6061349"   "6064372"   "6065049"   "6070187"   "6070242"   "6070246"   "6073178"   "6075787"   "6091709"   "6094431"   "6104700"   "6112258"   "6122254"   "6128298"   "6130070"   "6130000"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:20
6/24/2007 4:37:38 PM C:\Documents and Settings\usamuel\My Documents\EAST\Workspaces\10758434.wsp						
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## EAST Search History

S65	178	("3943447"   "3985962"   "4494138"   "4498169"   "4520508"   "4528663"   "4530008"   "4533948"   "4534024"   "4553161"   "4574305"   "4616214"   "4633462"   "4677467"   "4920533"   "4922244"   "4922488"   "4942572"   "4977557"   "5001707"   "5051742"   "5081622"   "5124981"   "5128937"   "5142532"   "5157657"   "5173898"   "5184345"   "5185737"   "5187735"   "5210750"   "5231630"   "5251301"   "5329308"   "5347304"   "5351043"   "5361262"   "5367329"   "5387942"   "5390169"   "5390170"   "5390175"   "5392277"   "5512935"   "5534913"   "5557319"   "5594490").PN. OR ("5790806"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:27
S66	93	("5347304"   "5442749"   "5488412"   "5583931"   "5586121"   "5600717"   "5606606"   "5608446"   "5623542"   "5636211"   "5675732"   "5761602"   "5778181"   "5870134").PN. OR ("6018767").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:41

## EAST Search History

S67	121	("20020023174"   "20020036658"   "20030093505"   "4644533"   "4881263"   "4996685"   "5014234"   "5138712"   "5301273"   "5347304"   "5430727"   "5442749"   "5488412"   "5489897"   "5557748"   "5583931"   "5586121"   "5598410"   "5600717"   "5606606"   "5608446"   "5610910"   "5623542"   "5623601"   "5636211"   "5675732"   "5675742"   "5710885"   "5724510"   "5761602"   "5778181"   "5790198"   "5790548"   "5790677"   "5790770"   "5790806"   "5793747"   "5799086"   "5805804"   "5809252"   "5812819"   "5818845"   "5819028"   "5819042"   "5828655"   "5828666"   "5835720"   "5835727"   "5841777"   "5852721"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5884024"   "5903558"   "5909549"   "5913037"   "5915119"   "5922049"   "5922051"   "5923659"   "5943604"   "5954797"   "5958007"   "5974453"   "5982748"   "5991292"   "5991306"   "5996076"   "6003077"   "6005851"   "6006264"   "6009103"   "6012088"   "6013107"   "6014545"   "6018767"   "6031841"   "6041041"   "6049546"   "6049825"   "6049826"   "6052724"   "6058421"   "6065049"   "6070242"   "6070246"   "6073178"   "6075787"   "6091709"   "6094431"   "6104700"   "6112258"   "6122254"   "6130879"   "6130880"   "6137792"   "6137793"   "6148410"   "6157965"   "6170061"   "6185624"   "6189102"   "6212563"   "6223222"   "6226272"   "6240464"   "6260072"   "6269099"   "6275853"   "6295554"   "6393484"   "6457075"   "6466085"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:42
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## EAST Search History

S68	30	("6018767"   "6023698"   "6108789"   "6112305"   "6141752"   "6170061"   "6301223"   "6351773"   "6385651"   "6412007"   "6442608").PN. OR ("6603758"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:44
S69	97	("4881263"   "5014234"   "5138712"   "5347304"   "5442749"   "5488412"   "5489897"   "5583931"   "5586121"   "5600717"   "5606606"   "5608446"   "5623542"   "5623601"   "5636211"   "5675732"   "5710885"   "5761602"   "5778181"   "5790198"   "5790548"   "5790677"   "5799086"   "5805804"   "5812819"   "5818845"   "5819042"   "5828655"   "5835727"   "5854901"   "5859852"   "5864679"   "5870134"   "5872523"   "5884024"   "5922049"   "5923659"   "5958007"   "5974453"   "5996076"   "6009103"   "6012088"   "6013107"   "6018767"   "6049826"   "6058421"   "6070246").PN. OR ("6170061"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:55
S70	1	"Cable Modem termination system" with VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:55
S71	81	"Cable Modem termination system" and VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:55
S72	26	("5159592"   "5227778"   "5550984"   "5636216"   "5708655"   "5793763"   "5812819"   "5867660"   "5872847"   "6018767"   "6236652"   "6253327"   "6377982"   "6381646"   "6400722").PN. OR ("6496867"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 18:57

## EAST Search History

S73	651	MPLS with VPN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 16:06
S74	0	"5768271.pn"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:46
S75	2	"5768271".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:47
S76	2	"6069889".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:47
S77	2	"6137793".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:47
S78	0	"6205488.pn"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:48
S79	2	"6205488".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:49

## EAST Search History

S80	2	"6339595".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:50
S81	2	"6438127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:50
S82	11	("5633869"   "5768271"   "5812552"   "6047325"   "6079020"   "6173399").PN. OR ("6438127").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 15:50
S83	11	("5633869"   "5768271"   "5812552"   "6047325"   "6079020"   "6173399").PN. OR ("6438127").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 15:51
S84	75	("5339356"   "5432783"   "5490212"   "5504921"   "5550816"   "5623601"   "5659542"   "5742762"   "5768271"   "5799016"   "5898830").PN. OR ("6079020"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:05
S85	2142	edge adj router	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 19:23
S86	135	S85 and CMTS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 16:11
S87	28	S86 and MPLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 16:09



## EAST Search History

S88	36	S86 and VPN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 16:11
S89	1	router near assigning near (ID identifier\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:23
S90	1	router near assigning near (ID identifier\$1 lable tag)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:23
S91	97	router with assigning with (ID identifier\$1 lable tag)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:24
S92	51	("5754543"   "5768271"   "6079020"   "6081524").PN. OR ("6205488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:26
S93	11	("20010016914"   "20010049739"   "20020037010"   "20020067725"   "20020129271"   "20020156828"   "20030026271"   "20030123446"   "6205488"   "6816489"   "7072346").PN. OR ("7203762").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:27
S94	15	("4627052"   "5394402"   "5684800"   "5862338"   "5978378"   "6041057"   "6085238"   "6151324"   "6185214"   "6205488"   "6414958"   "6512766").PN. OR ("6937574").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:45
S95	7	("20030112799"   "20040008675"   "20040013120"   "20040044786"   "20040177157"   "6205488"   "6374303").PN. OR ("6970464").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:48
S96	6	("20010019554"   "20020054405"   "20030158965"   "6205488"   "6728220"   "6895008").PN. OR ("7061921").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:53
S97	6	("20010019554"   "20020156914"   "20030065815"   "6680943").PN. OR ("6895008").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:55

## EAST Search History

S98	11	("20010049739"   "20030088699"   "6205488"   "6339595"   "6633571"   "6647428"   "6674760"   "6757298"   "6771662"   "6788681").PN. OR ("7072346").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:56
S99	11	("20010016914"   "20010049739"   "20020037010"   "20020067725"   "20020129271"   "20020156828"   "20030026271"   "20030123446"   "6205488"   "6816489"   "7072346").PN. OR ("7203762").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:57
S10 0	13	("6205488"   "6286047"   "6516417"   "6526056"   "6594704"   "6732211"   "6754181"   "6789118"   "6895429"   "6909708"   "6948003"   "6985937"   "7039687").PN. OR ("7185106").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 16:59
S10 1	453	"VPN gateway"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 17:10
S10 2	192	"VPN gateway" and identifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 17:26
S10 3	2	"6173399".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 17:26
S10 4	64	("4897874"   "5239584"   "5400334"   "5548646"   "5588060"   "5606668"   "5761201"   "5781550"   "5802320"   "5828846"   "5898830"   "5935245").PN. OR ("6173399").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 17:27

## EAST Search History

S10 5	10	("5228083"   "5301287"   "5528587"   "5948080"   "6094437"   "6173399"   "6182149"   "6226748"   "6253321"   "6477646").PN. OR ("7194766").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 17:48
S10 6	0	"6901049.pn"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 17:49
S10 7	1	"6901049".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 17:49
S10 8	7	("20010055319"   "20020062380"   "6324267"   "6650624"   "6694429"   "6763020").PN. OR ("6901049").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 17:49
S10 9	53	("4383272"   "4520490"   "4617676"   "4928272"   "4941154"   "4958226"   "5115453"   "5227878"   "5339384"   "5341457"   "5488633"   "5579513"   "5627938"   "5631846"   "5640424"   "5696765"   "5710765"   "5881363"   "5943604"   "6108713"   "6137793").PN. OR ("6650624"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 18:05
S11. 0	1	09/874091.app.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 18:05
S11 1	5	VPNU	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 18:31
S11 2	163	"headend controller"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 18:32

## EAST Search History

S11 3	163	"headend controller" or "headend digital communications controller"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 12:02
S11 4	5	("20020075231"   "5917892"   "6209025"   "6215515"   "6457177").PN. OR ("6971120").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 19:08
S11 5	555	S85 and VPN	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/23 19:23